

Work Order ID 146475

Wednesday, May 18, 2016 9:12:26 AM

146475

Page 1

Item ID: D4272-012

Accept

N900040100

Setup

Start

NS1

Revision ID:

Stop

NS2

Item Name: Basket Assembly, Heavy Duty Lid, RH

Start Date: 6/14/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 6/16/2016 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan: MLJDate: **MAY 19 2016**

Tooling:

Date:

Run

Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

Draw Nbr

Revision Nbr

D4272

D

100

Pick Kit

0.00

100

Packaging

Memo

0.00

Packaging

SEP 12 2016

DAS
38
0.00

SEP 12 2016

110

Assemble as per dwg

0.00

110

HandFinish

Memo

1.73

Hand Finishing

TRANSFER DRILL FROM PLACARD INTO BASKET AS PER DWG ON
SHEET 2

RIVET PLACARD AS PER DWG ON SHEET 2

100 of 100 1609/13

120

QC5- Inspect part completeness to step on W/O

0.00

120

QC

Memo

0.02

Quality Control

DAS
38
0.00

SEP 13 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐													
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval										
Description Work Order Deviation				Disposition				Completed By									
								Lead hand / Supervisor Approval Verification									
								QC / QA Coordinator Approval									
Root Cause		FAULT CATEGORY															
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER :									
Misidentified ☐	Past Due ☐																

Work Order ID 146475

Wednesday, May 18, 2016 9:12:26 AM

146475

Page 2

Item ID: D4272-012 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Basket Assembly, Heavy Duty Lid, RH
Start Date: 6/14/2016 Start Qty: 1.00 ***1*** Cust Item ID:
Required Date: 6/16/2016 Req'd Qty: 1.00 ***1*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location: _____	0.00							
130									
Packaging	Memo <i>PPP1465a</i>	0.01							
Packaging									
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.10							
Quality Control									

ShrB
10/9/13

DAS
21
9-89

SEP 13 2016

DAS
21
9-89

SEP 13 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
								Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	

Root Cause			FAULT CATEGORY							
Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong
Design	☐	Operator	☐	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions
Doc/Data	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance
Equip/Tooling	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect
Handling/Pre	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing
Material	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐	Out of Sequence	☐	Part Moved
Internal Transport	☐	Poor Information	☐	Crushing	☐	Countersink	☐	Off-set	☐	Drawing
Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐	Mislabeled	☐	Finish
LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread
Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence
Past Expiry Date	☐	Manufacturing Process	☐	OTHER :						
Misidentified	☐	Past Due	☐							

Picklist Print

Wednesday, May 18, 2016 9:12:25 AM

Page 1

Work Order ID: 146475

146475

Parent Item: D4272-012

D4272-012

Parent Item Name: Basket Assembly, Heavy Duty Lid, RH

Start Date: 6/14/2016

Required Date: 6/16/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A 10.11.19 new issue DD verf:EC
11.01.20 AS PER DWG REV.C DD verf:EC

IPP Rev:B

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
97447A010 *97447A010* Blind Rivet		Purchased	No				Each	172.0000	**	4			DAS 6 9-89

				<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>							
				ST589	172								
				m131311	172								
D4307-250 *D4307-250* Placard, Max Load		Manufactured	No		Each		7.0000		**	1			DAS 6 9-89

				<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>							
				ST091	7								
				131263	1								
				143815	6								
AN3-16A *AN3-16A* Bolt		Purchased	No		100	Each	74.0000	2	**	2			DAS 6 9-89

				<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>							
				GA	45								
				117441	45								
				ST348	29								
				M133790	29								

D3914-041 *D3914-041* Long Basket Lid Assembly (350)		Manufactured	No		100	Each	0.0000	1	**	1			
D4273-042 *D4273-042* Basket Base Assembly, RH		Manufactured	No		100	Each	0.0000	1	**	1			

SEP 12 2016

3146541 (12) all 16/04/17

3146392 (12) all 16/04/17

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

Picklist Print

Wednesday, May 18, 2016 9:12:25 AM

Page 2

Work Order ID: 146475

146475

Parent Item: D4272-012

D4272-012

Parent Item Name: Basket Assembly, Heavy Duty Lid, RH

Start Date: 6/14/2016

Required Date: 6/16/2016

Start Qty: 1.00

Required Qty: 1.00

D2530	Manufactured	No	100	Each	0.0000	1	1		DAS 6 9-89
D2530						**	148114		
Handle Weldment									
D2535	Manufactured	No	100	Each	74.0000	2	2		DAS 6 9-89
D2535						**			
Spring									

Location	Loc Qty	Loc Code
ST008	74	
139657	24	
143808	25	
144488	25	

D2537	Manufactured	No	100	Each	57.0000	2	2		DAS 6 9-89
D2537						**			
Bushing									

Location	Loc Qty	Loc Code
ST008	57	
141054	2	
141583	55	

D2690-6	Manufactured	No	100	Each	38.0000	2	2		DAS 6 9-89
D2690-6						**	148238		
Lanyard									

Location	Loc Qty	Loc Code
ST009	38	
144944	1	
145224	12	
146036	25	

SEP 12 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐
Past Expiry Date ☐	Manufacturing Process ☐				
Misidentified ☐	Past Due ☐	OTHER : ☐			

Picklist Print

Wednesday, May 18, 2016 9:12:25 AM

Page 3

Work Order ID: 146475

146475

Parent Item: D4272-012

D4272-012

Parent Item Name: Basket Assembly, Heavy Duty Lid, RH

Start Date: 6/14/2016

Required Date: 6/16/2016

Start Qty: 1.00

Required Qty: 1.00

D2931 Manufactured No 100 Each 1,581.000 2 2

D2931

Bumper

**

DAS
6
9-89

Location

Loc Qty

Loc Code

ST013

58

86435

58

ST025A

1523

86435

1523

2

D3912-041

Manufactured No

100 Each 4.0000 1 1

D3912-041

Eyebolt Receiver Assy

**

DAS
6
9-89

145538

Location

Loc Qty

Loc Code

ST057

4

144827

4

D3917-3

Manufactured No

100 Each 41.0000 6 6

D3917-3

Washer

**

DAS
6
9-89

146855

Location

Loc Qty

Loc Code

ST058

41

141536

41

D3953-3

Manufactured No

100 Each 57.0000 2 2

D3953-3

Gas Spring Stud, Lid

**

DAS
6
9-89

Location

Loc Qty

Loc Code

ST062

16

141606

16

ST064A

41

144775

41

2

SEP 12 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐
Past Expiry Date ☐	Manufacturing Process ☐				
Misidentified ☐	Past Due ☐	OTHER :			

Picklist Print

Wednesday, May 18, 2016 9:12:25 AM

Page 4

Work Order ID: 146475

146475

Parent Item: D4272-012

D4272-012

Parent Item Name: Basket Assembly, Heavy Duty Lid, RH

Start Date: 6/14/2016

Required Date: 6/16/2016

Start Qty: 1.00

Required Qty: 1.00

D3953-7 Manufactured No 100 Each 61.0000 2 2

D3953-7

Spring Spacer

DAS

6

9-89

Location

Loc Qty

Loc Code

ST062

18

138972

18

ST064A

43

144665

43

2

D3953-9 Manufactured No 100 Each 15.0000 2 2

D3953-9

Gas Spring Washer

DAS

6

9-89

Location

Loc Qty

Loc Code

ST062

15

141591

15

147022

D3953-17 Manufactured No 100 Each 21.0000 2 2

D3953-17

Gas Spring Spacer

DAS

6

9-89

Location

Loc Qty

Loc Code

ST062

21

141477

5

142705

16

145690

D3953-19 Manufactured No 100 Each 22.0000 1 1

D3953-19

Gas Spring Bracket

DAS

6

9-89

Location

Loc Qty

Loc Code

ST062

22

138913

22

1

SEP 1 2 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					

Root Cause				FAULT CATEGORY			
Environment ☐	☐	No Re-verification ☐		Pressure/Forced ☐	☐	Temperature/Cure ☐	☐
Design ☐	☐	Operator ☐		Bending ☐	☐	Set-up ☐	☐
Doc/Data ☐	☐	Offset/Setup ☐		Centre Not Concentric ☐	☐	BOM/Route ☐	☐
Equip/Tooling ☐	☐	Supplier ☐		Cracks ☐	☐	Broken/Damage/Defect ☐	☐
Handling/Pre ☐	☐	Training ☐		Crimp/Kink/Ripple/Wave ☐	☐	Inspection Incomplete/Unqualified ☐	☐
Material ☐	☐	Use for Testing ☐		Cuffs ☐	☐	Contamination ☐	☐
Internal Transport ☐	☐	Poor Information ☐		Crushing ☐	☐	Countersink ☐	☐
Tribal Knowledge ☐	☐	Rushing ☐		Heat Treat ☐	☐	Cut Too Short ☐	☐
LOA ☐	☐	Product Improvement ☐		Wave/Twist in Tube ☐	☐	Instructions Incomplete/Unclear ☐	☐
Substation ☐	☐	Process Improvement ☐		Marks/Chatter ☐	☐	Drill Holes ☐	☐
Past Expiry Date ☐	☐	Manufacturing Process ☐		OTHER :			
Misidentified ☐	☐	Past Due ☐					

Picklist Print

Wednesday, May 18, 2016 9:12:25 AM

Page 5

Work Order ID: 146475

146475

Parent Item: D4272-012

D4272-012

Parent Item Name: Basket Assembly, Heavy Duty Lid, RH

Start Date: 6/14/2016

Required Date: 6/16/2016

Start Qty: 1.00

Required Qty: 1.00

D3953-21 Manufactured No

100 Each 14.0000 1 1

D3953-21

Gas Spring Bracket

**

145806

DAS
6
9-89

Location

Loc Qty

Loc Code

ST063

14

139553

2

141546

12

D3969-3 Manufactured No

100 Each 15.0000 1 1

D3969-3

Spring (Basket Lid)

**

144499

DAS
6
9-89

Location

Loc Qty

Loc Code

ST365

15

141701

5

143820

10

D4021-5 Manufactured No

100 Each 29.0000 1 1

D4021-5

Blanking Plate

**

149629

DAS
6
9-89

Location

Loc Qty

Loc Code

ST071

29

142656

28

177489bk

1

D4150-041 Manufactured No

100 Each 13.0000 1 1

D4150-041

Attachment Arm Assembly

**

147424

DAS
6
9-89

Location

Loc Qty

Loc Code

ST087

3

143343

3

ST090A

10

143344

4

143345

3

145783

3

SEP 12 2016

Wednesday, May 18, 2016 9:12:25 AM

Shop Packet Print

Page 5

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
		OTHER : _____			

Picklist Print

Wednesday, May 18, 2016 9:12:25 AM

Page 6

Work Order ID: 146475

146475

Parent Item: D4272-012

D4272-012

Parent Item Name: Basket Assembly, Heavy Duty Lid, RH

Start Date: 6/14/2016

Required Date: 6/16/2016

Start Qty: 1.00

Required Qty: 1.00

D4151-041 Manufactured No

100 Each 13.0000 1 1

D4151-041

Basket Fwd Hardpoint Assembly, Lower

**

145587

DAS
6
9-89

Location

Loc Qty

Loc Code

ST087

5

143335

4

143338

1

ST090A

8

143336

4

145589

4

D4151-043 Manufactured No

100 Each 15.0000 1 1

D4151-043

Basket Fwd Hardpoint Assembly, Upper

**

146061

DAS
6
9-89

Location

Loc Qty

Loc Code

ST088

6

143358

4

143360

2

ST090A

9

143359

4

146060

5

AN3-10A Purchased No

100 Each 209.0000 3 3

AN3-10A

Bolt

**

134943

DAS
6
9-89

Location

Loc Qty

Loc Code

GA

29

m132763

1

m134573

28

over003

100

m134754

100

ST349

80

m133992

1

m134249

79

SEP 14 2016

Wednesday, May 18, 2016 9:12:25 AM

Shop Packet Print

Page 6

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
								Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	

Root Cause				FAULT CATEGORY			
Environment ☐	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐
Design ☐	☐	Operator	☐	Bending	☐	Set-up	☐
Doc/Data ☐	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐
Equip/Tooling ☐	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐
Handling/Pre ☐	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐
Material ☐	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐
Internal Transport ☐	☐	Poor Information	☐	Crushing	☐	Countersink	☐
Tribal Knowledge ☐	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐
LOA ☐	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐
Substation ☐	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐
Past Expiry Date ☐	☐	Manufacturing Process	☐	OTHER : _____			
Misidentified ☐	☐	Past Due	☐				

Picklist Print

Wednesday, May 18, 2016 9:12:25 AM

Page 7

Work Order ID: 146475

146475

Parent Item: D4272-012

D4272-012

Parent Item Name: Basket Assembly, Heavy Duty Lid, RH

Start Date: 6/14/2016

Required Date: 6/16/2016

Start Qty: 1.00

Required Qty: 1.00

AN3-14A

Purchased

No

100

Each

103.0000

4

4

AN3-14A

Bolt

**

134852

DAS
6
9-89

Location

Loc Qty

Loc Code

over003

80

m134360

30

m134634

50

ST349

23

m133992

23

AN4-12

Purchased

No

100

Each

88.0000

3

3

AN4-12

Bolt

**

DAS
6
9-89

Location

Loc Qty

Loc Code

ST338a

25

m134738

25

ST344

63

m133988

23

m134370

40

AN4-13A

Purchased

No

100

Each

325.0000

6

6

AN4-13A

Bolt

**

3

135464

DAS
6
9-89

Location

Loc Qty

Loc Code

FG

20

122808

20

GA

60

m134167

36

m134634

24

O003

200

m134754

200

ST344

45

m134634

45

SEP 12 2016

Wednesday, May 18, 2016 9:12:25 AM

Shop Packet Print

Page 7

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					

Root Cause				FAULT CATEGORY			
Environment ☐	Design ☐	Doc/Data ☐	Equip/Tooling ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐
Handling/Pre ☐	Material ☐	Internal Transport ☐	Tribal Knowledge ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐
LOA ☐	Substation ☐	Past Expiry Date ☐	Misidentified ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐
				Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐
				Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐
				Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐
				Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐
				Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐
				Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐
				Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐
				OTHER : ☐			

Picklist Print

Wednesday, May 18, 2016 9:12:25 AM

Page 8

Work Order ID: 146475

146475

Parent Item: D4272-012

D4272-012

Parent Item Name: Basket Assembly, Heavy Duty Lid, RH

Start Date: 6/14/2016

Required Date: 6/16/2016

Start Qty: 1.00

Required Qty: 1.00

AN4C15 Purchased No

100

Each

42.0000

1

1

AN4C15

Bolt

Location

Loc Qty

Loc Code

over003

32

M1134567

20

M134257

12

ST343

10

M133694

10

AN5-17A Purchased No

100

Each

184.0000

4

4

AN5-17A

Bolt

Location

Loc Qty

Loc Code

GA

29

117872

29

over003

150

m134606

75

m134762

75

ST337

5

m134055

5

AN310-4 Purchased No

100

Each

128.0000

3

3

AN310-4

Nut

Location

Loc Qty

Loc Code

GA

25

M127815

25

OVER007

49

M134180

49

ST331

54

M133990

4

M134762

50

DAS
6
9-89

DAS
6
9-89

DAS
6
9-89

SEP 12 2016

Wednesday, May 18, 2016 9:12:25 AM

Shop Packet Print

Page 8

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

Picklist Print

Wednesday, May 18, 2016 9:12:25 AM

Page 9

Work Order ID: 146475

146475

Parent Item: D4272-012

D4272-012

Parent Item Name: Basket Assembly, Heavy Duty Lid, RH

Start Date: 6/14/2016

Required Date: 6/16/2016

Start Qty: 1.00

Required Qty: 1.00

AN310C4 Purchased No

100 Each 108.0000 3 3

AN310C4

Nut

Location

Loc Qty

Loc Code

OVER007

30

M134370

30

ST331

78

M133990

28

M134762

50

DAS
6
9-89

3

MS20600-AD4W3 Purchased No

100 Each 382.0000 2 2

MS20600-AD4W3

Cherry Rivets

Location

Loc Qty

Loc Code

GA

160

m129795

160

ST308

138

m133316

24

m134167

114

WA003

84

m130018

84

DAS
6
9-89

2

SEP 12 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____		
Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

Picklist Print

Wednesday, May 18, 2016 9:12:25 AM

Page 10

Work Order ID: 146475

146475

Parent Item: D4272-012

D4272-012

Parent Item Name: Basket Assembly, Heavy Duty Lid, RH

Start Date: 6/14/2016

Required Date: 6/16/2016

Start Qty: 1.00

Required Qty: 1.00

MS21042L3

Purchased

No

100

Each

1,712.000

9

9

MS21042L3

135407

DAS

Nut

Location

Loc Qty

Loc Code

FP001

100

m133790

100

GA

254

m133790

3

m134360

251

ST303

1358

m134039

12

m134360

146

m134634

600

m134754

600

MS21042L4

Purchased

No

100

Each

2,169.000

6

6

MS21042L4

135470

DAS

Locknut

Location

Loc Qty

Loc Code

GA

187

m133769

187

OVER007

1500

m134676

500

m134762

1000

ST303

385

m134606

385

ST305

97

m130922

97

SEP 12 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐		OTHER : _____					

Picklist Print

Wednesday, May 18, 2016 9:12:26 AM

Page 11

Work Order ID: 146475

146475

Parent Item: D4272-012

D4272-012

Parent Item Name: Basket Assembly, Heavy Duty Lid, RH

Start Date: 6/14/2016

Required Date: 6/16/2016

Start Qty: 1.00

Required Qty: 1.00

MS21042L5

Purchased

No

100

Each

601.0000

4

4

MS21042L5

135058

Nut

Location

Loc Qty

Loc Code

GA

101

m127813

101

OVER007

100

m134509

100

ST303

400

m134055

7

m134567

93

m134676

100

m134762

200

DAS
6
9-89

MS24665-151

Purchased

No

100

Each

138.0000

4

4

MS24665-151

135274 x1

Cotter Pin

Location

Loc Qty

Loc Code

GA

64

m128401

64

ST289

74

m134294

74

DAS
6
9-89

MS24665-300

Purchased

No

100

Each

66.0000

2

2

MS24665-300

COTTER PIN

Location

Loc Qty

Loc Code

GA

28

118234

28

ST288

38

m134738

38

DAS
6
9-89

SEP 12 2016

Wednesday, May 18, 2016 9:12:26 AM

Shop Packet Print

Page 11

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : ☐					

Picklist Print

Wednesday, May 18, 2016 9:12:26 AM

Page 12

Work Order ID: 146475

146475

Parent Item: D4272-012

D4272-012

Parent Item Name: Basket Assembly, Heavy Duty Lid, RH

Start Date: 6/14/2016

Required Date: 6/16/2016

Start Qty: 1.00

Required Qty: 1.00

NAS1149DN832J

Purchased

No

100

Each

1,217.000

2

2

NAS1149DN832.J

Washer

DAS
6
9-89

Location

Loc Qty

Loc Code

CA

84

M129499

84

ST265

1133

M134180

1133

2

NAS1149F0332P

Purchased

No

100

Each

2,960.000

14

14

NAS1149F0332P

Washer

135058

DAS
6
9-89

Location

Loc Qty

Loc Code

GA

312

m133709

312

ST262

2648

m134257

648

m134676

2000

NAS1149C0432R

Purchased

No

100

Each

1,653.000

2

2

NAS1149C0432R

WASHER

135544

DAS
6
9-89

Location

Loc Qty

Loc Code

GA

1332

m125807

427

m134676

905

ST266

321

m134073

321

SEP 17 2013

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					

Root Cause				FAULT CATEGORY			
Environment ☐		No Re-verification ☐		Pressure/Forced ☐		Temperature/Cure ☐	
Design ☐		Operator ☐		Bending ☐		Set-up ☐	
Doc/Data ☐		Offset/Setup ☐		Centre Not Concentric ☐		BOM/Route ☐	
Equip/Tooling ☐		Supplier ☐		Cracks ☐		Broken/Damage/Defect ☐	
Handling/Pre ☐		Training ☐		Crimp/Kink/Ripple/Wave ☐		Inspection Incomplete/Unqualified ☐	
Material ☐		Use for Testing ☐		Cuffs ☐		Contamination ☐	
Internal Transport ☐		Poor Information ☐		Crushing ☐		Countersink ☐	
Tribal Knowledge ☐		Rushing ☐		Heat Treat ☐		Cut Too Short ☐	
LOA ☐		Product Improvement ☐		Wave/Twist in Tube ☐		Instructions Incomplete/Unclear ☐	
Substation ☐		Process Improvement ☐		Marks/Chatter ☐		Drill Holes ☐	
Past Expiry Date ☐		Manufacturing Process ☐		OTHER : _____			
Misidentified ☐		Past Due ☐					

Picklist Print

Wednesday, May 18, 2016 9:12:26 AM

Page 13

Work Order ID: 146475

146475

Parent Item: D4272-012

D4272-012

Parent Item Name: Basket Assembly, Heavy Duty Lid, RH

Start Date: 6/14/2016

Required Date: 6/16/2016

Start Qty: 1.00

Required Qty: 1.00

NAS1149F0432P

Purchased

No

100

Each

1,310.000

18

18

NAS1149F0432P

134955

WASHER

DAS
6
9-89

Location

Loc Qty

Loc Code

ST260a

1000

M134502

1000

ST262

189

M133990

189

st268

121

M132677

121

NAS1149C0463R

Purchased

No

100

Each

324.0000

3

3

NAS1149C0463R

Washer

DAS
6
9-89

Location

Loc Qty

Loc Code

FP001

70

m127306

70

ST260a

200

m134167

200

ST266

54

m133077

54

NAS1149F0563P

Purchased

No

100

Each

82.0000

4

4

NAS1149F0563P

134852

Washer

DAS
6
9-89

Location

Loc Qty

Loc Code

ST261

82

m133515

82

SEP 12 2013

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : ☐					

Picklist Print

Wednesday, May 18, 2016 9:12:26 AM

Page 14

Work Order ID: 146475

146475

Parent Item: D4272-012

D4272-012

Parent Item Name: Basket Assembly, Heavy Duty Lid, RH

Start Date: 6/14/2016

Required Date: 6/16/2016

Start Qty: 1.00

Required Qty: 1.00

NAS1515H4L

Purchased

No

100

Each

317.0000

2

***NAS1515H4I ***

Washer

**

²
130466

DAS
6
9-89

Location

Loc Qty

Loc Code

FG

23

103691

3

m132189

20

ST260

294

m133483

194

m134376

100

MS17984-C413

Purchased

No

100

Each

55.0000

2

MS17984-C413

Quick Release Pin

**

²
145506

DAS
6
9-89

Location

Loc Qty

Loc Code

over005

50

145506

10

m134052

10

m134528

10

m13462710

10

m134664

10

ST315

5

m133686

5

SEP 12 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

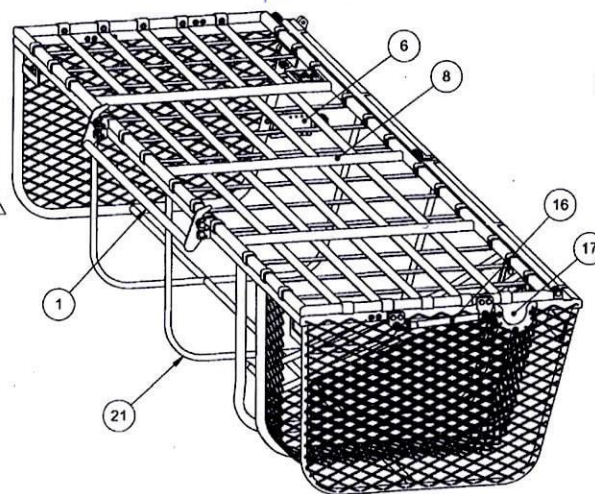
Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

ITEM	QTY -011	QTY -012	QTY -013	QTY -014	PART NUMBER	DESCRIPTION
					D4272-011	BASKET ASSY, HEAVY DUTY LID, LH
					D4272-012	BASKET ASSY, HEAVY DUTY LID, RH
					D4272-013	BASKET ASSY, LIGHTWEIGHT LID, LH
					D4272-014	BASKET ASSY, LIGHTWEIGHT LID, RH
1	1	1	1	1	D2530	HANDLE WELDMENT
2	2	2	2	2	D2535	SPRING
3	2	2	2	2	D2537	BUSHING
4	2	2	2	2	D2690-6	LANYARD
5	2	2	2	2	D2931	BUMPER
6	1	1	1	1	D3912-041	EYEBOLT RECEIVER ASSY
7	1	1			D3914-041	BASKET LID ASSY
8			1	1	D3915-041	LIGHT LID ASSY
9	6	6	6	6	D3917-3	WASHER
10	2	2	2	2	D3953-3	GAS SPRING STUD, LH
11	2	2	2	2	D3953-7	GAS SPRING SPACER
12	2	2	2	2	D3953-9	GAS SPRING WASHER
13	2	2	2	2	D3953-17	GAS SPRING SPACER
14	1	1	1	1	D3953-19	GAS SPRING BRACKET
15	1	1	1	1	D3953-21	GAS SPRING BRACKET
16	1	1	1	1	D3969-3	GAS SPRING
17	1	1	1	1	D4021-5	BLANKING PLATE
18	1	1	1	1	D4150-041	ATTACHMENT ARM ASSY
19	1	1	1	1	D4151-041	BASKET HARDPOINT ASSY (LOWER)
20	1	1	1	1	D4151-043	BASKET HARDPOINT ASSY (UPPER)
21	1	1	1	1	D4273-041	BASKET BASE ASSY, LH
22	1	1	1	1	D4273-042	BASKET BASE ASSY, RH
23	1	1			D4307-250	PLACARD, MAX LOAD
24			1	1	D4307-265	PLACARD, MAX LOAD
25	3	3	3	3	AN3-10A	BOLT
26	4	4	4	4	AN3-14A	BOLT
27	2	2			AN3-16A	BOLT
28			2	2	AN3-20A	BOLT
29	3	3	3	3	AN4-12	BOLT
30	6	6	6	6	AN4-13A	BOLT
31	1	1	1	1	AN4C15	BOLT
32	4	4	2	2	AN5-17A	BOLT
33			2	2	AN5-21A	BOLT
34	3	3	3	3	AN310-4	NUT, CASTELLATED
35	3	3	3	3	AN310C4	NUT, CASTELLATED
36	2	2	2	2	MS17984-C413	QUICK RELEASE PIN
37	2	2	2	2	MS20600AD4W3	RIVET
38	9	9	9	9	MS21042L3	NUT
39	6	6	6	6	MS21042L4	NUT
40	4	4	4	4	MS21042L5	NUT
41	4	4	4	4	MS24665-151	COTTER PIN
42	2	2	2	2	MS24665-300	COTTER PIN
43	2	2	2	2	NAS1149DN832J	WASHER (ALT: AN960JD8)
44	14	14	14	14	NAS1149F0332P	WASHER
45	2	2	2	2	NAS1149C0432R	WASHER
46	18	18	18	18	NAS1149F0432P	WASHER
47	3	3	3	3	NAS1149C0463R	WASHER
48	4	4	4	4	NAS1149F0563P	WASHER
50	4	4	4	4	97447A010	BLIND RIVET, PAN HEAD

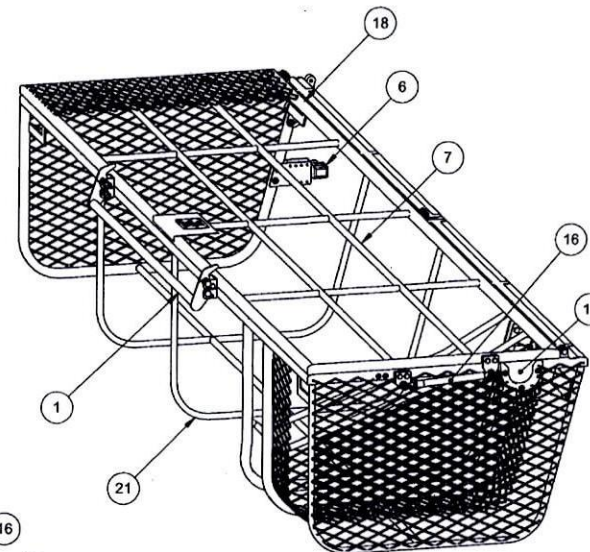
NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: -011/-012: 73 lbs APPROX
-013/-014: 58 lbs APPROX

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO 146475 ML-5
10-05-19



D4272-013 BASKET ASSY, LIGHTWEIGHT LID, LH (SHOWN)
D4272-014 BASKET ASSY, LIGHTWEIGHT LID, RH (OPPOSITE)
(MESH SHOWN LOCALLY FOR CLARITY)

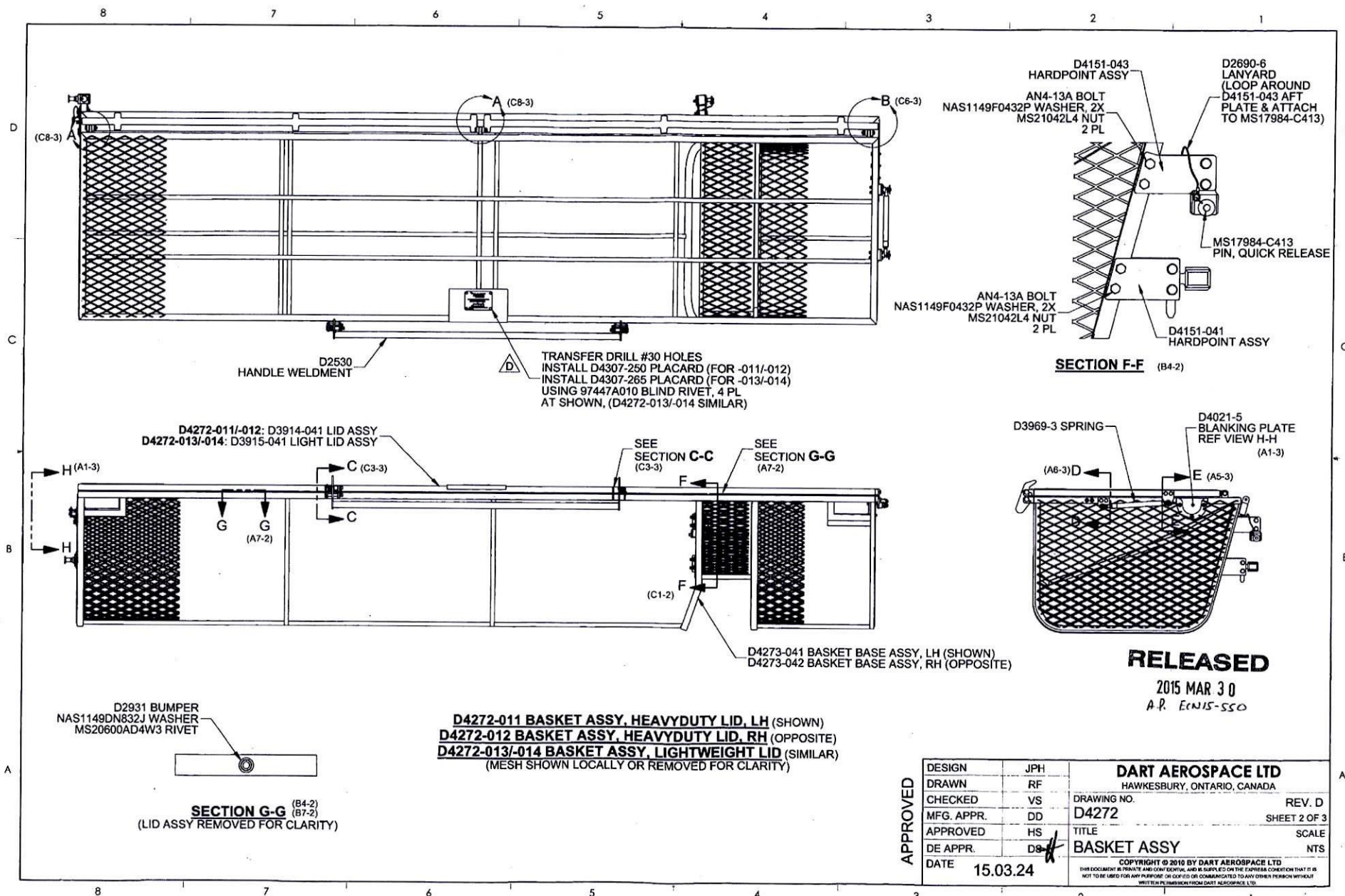


D4272-011 BASKET ASSY, HEAVY DUTY LID, LH (SHOWN)
D4272-012 BASKET ASSY, HEAVY DUTY LID, RH (OPPOSITE)
(MESH SHOWN LOCALLY FOR CLARITY)

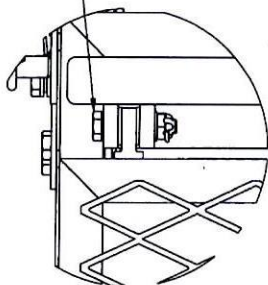
RELEASED

2015 MAR 30
A.R. FENIS-SSO

D	ADDED D4307-250/-265 & 97447A010 (ZN C6-1, A6-1, C5-2)	RF	15.03.24
C	UPDATED D4273-041/-042 BASKET BASE ASSY; CHANGED LOCATION OF GAS SPRING MOUNTING BRACKET; UPDATED SECTION F-F	SC	10.12.23
B	RMV ITEM 23.25 (WEDGE); ITEM 38 QTY(-2); ITEM 44 QTY (-4) (B6-1); RMV D2537 FROM SECTION C-C (TYPO, D3-3)	CP	10.11.30
A	NEW ISSUE	SC	10.11.25
REV.	DESCRIPTION	BY	DATE
DESIGN	JPH	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	VS	DRAWING NO.	REV. D
MFG. APPR.	DD	D4272	SHEET 1 OF 3
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	BASKET ASSY	NTS
DATE	15.03.24	COPYRIGHT © 2016 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

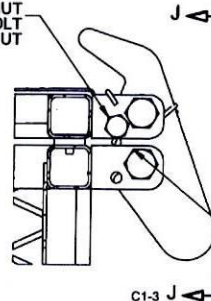


AN4-12 BOLT
D3917-3 WASHER, 2X
NAS1149F0432P WASHER, 2X
AN310-4 NUT, CASTELLATED
MS24665-151 COTTER PIN



DETAIL A (D8-2)
(D6-2)

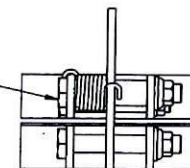
D4272-011/-012: AN3-16A BOLT
MS21042L3 NUT
D4272-013/-014: AN3-20A BOLT
MS21042L3 NUT



SECTION C-C (B5-2)
(B7-2)

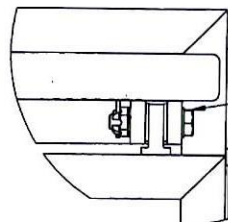
D4272-011/-012: AN5-17A BOLT
D2537 BUSHING
D2535 SPRING
NAS1149F0563P WASHER
MS21042L5 NUT

D4272-013/-014: AN5-21A BOLT
D2537 BUSHING
D2535 SPRING
NAS1149F0563P WASHER
MS21042L5 NUT



VIEW J-J C3-3

AN4-12 BOLT
D3917-3 WASHER, 2X
NAS1149F0432P WASHER, 2X
AN310-4 NUT, CASTELLATED
MS24665-151 COTTER PIN



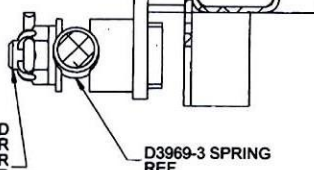
DETAIL B (D3-2)

AN5-17A BOLT
NAS1149F0563P WASHER
MS21042L5 NUT

D2530
HANDLE WELDMENT
REF

D3953-17 GAS SPRING SPACER
D3953-21 GAS SPRING BRACKET

AN3-14A BOLT
NAS1149F0332P WASHER, 2X
MS21042L3 NUT
2 PL



SECTION D-D (B2-2)

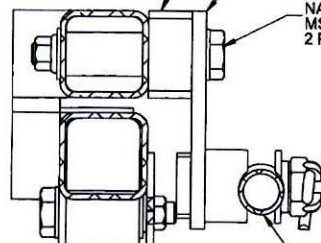
D3953-3 GAS SPRING STUD, LID
D3953-7 GAS SPRING SPACER
D3953-9 GAS SPRING SPACER
NAS1149C0432R WASHER
AN310C4 NUT, CASTELLATED
MS24665-300 COTTER PIN

D3969-3 SPRING
REF

D3953-17 GAS SPRING SPACER

D3953-19 GAS SPRING BRACKET

AN3-14A BOLT
NAS1149F0332P WASHER, 2X
MS21042L3 NUT
2 PL



SECTION E-E (B1-2)

D3953-3 GAS SPRING STUD, LID
D3953-7 GAS SPRING SPACER
D3953-9 GAS SPRING SPACER
NAS1149C0432R WASHER
AN310C4 NUT, CASTELLATED
MS24665-300 COTTER PIN

D3969-3 SPRING
REF

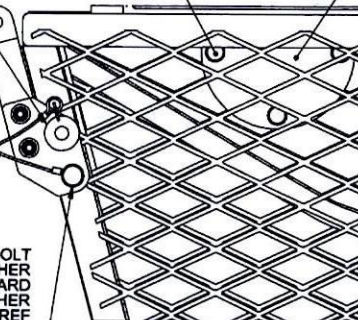
AN3-10A BOLT
NAS1149F0332P WASHER, 2X
MS21042L3 NUT
3 PL
D4021-5
BLANKING PLATE
REF

MS17984-C413
PIN, QUICK RELEASE

D4150-041
ARM ASSY

D2690-6
LANYARD
(ATTACH TO
MS17984-C413)

AN4C15 BOLT
NAS1149C0463R WASHER
D2690-6 LANYARD
NAS1149C0463R WASHER
D4150-041 REF
NAS1515H4L WASHER
BASKET BASE, REF
NAS1515H4L WASHER
D4150-041 REF
NAS1149C0463R WASHER
AN310C4 CASTELLATED NUT
MS24665-151 COTTER PIN



RELEASED

2015 MAR 30
A.P. EN 15-550

VIEW H-H (B8-2)

APPROVED

DESIGN	JPH
DRAWN	RF
CHECKED	VS
MFG. APPR.	DD
APPROVED	HS
DE APPR.	DS
DATE	15.03.24

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. D4272	REV. D SHEET 3 OF 3
TITLE BASKET ASSY	SCALE NTS
COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	